AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

TABLE 6

The average student station hours in laboratories is the ratio of total student hours of instruction in laboratories per week to the total number of student stations in available teaching rooms. The number of hours that the course meets each week is computed by rounding the class length to the nearest half hour and multiplying by the number of times the class meets weekly. This is then multiplied by the number of students enrolled. This figure is then divided by the total number of student stations in laboratories (capacity in available teaching labs).

It is expected that in an institution where the level of the course and the degree of specialization increase, such as in those institutions with graduate programs in agriculture and engineering, there will be a decrease in occupancy ratio.

"Daytime" utilization refers to all classes with beginning times between and including 0500 and 1659 (using a 24-hour clock); "nighttime" utilization applies to all classes with beginning times between and including 1700 and 0459. "All hours" is the sum of "daytime" and "nighttime" utilization.

Norm: 16 hours per week.

Average Student Station Hours = Total Student Hours of Instruction
in Laboratories

Total Student Stations in Laboratories

Sample Data:

DAYS OF WEEK	TIME	ENROLLMENT	ROOM TYPE							
Mon	13:00 – 16:00	17	210	1 day	* 3 hours	* 17 =	51
Tues.	13:30 – 16:30	14	210	1 day	* 3 hours	* 14 =	42
Mon./Wed./Fri.	09:00 – 10:00	25	210	3 days	* 1 hour	* 25 =	75
Mon./Wed./Fri.	10:00 – 11:00	35	210	3 days	* 1 hour	* 35 =	105
Tues./Thurs.	11:00 – 12:30	30	210	2 days	* 1.5 hr	* 30 =	90
Wed.	11:00 – 14:00	29	210	1 day	* 3 hours	* 29 =	87
Fri.	11:00 – 14:00	21	210	1 day	* 3 hours	* 21 =	63
Mon.	13:00 – 16:00	22	210	1 day	* 3 hours	* 22 =	66
Wed.	18:00 – 21:00	13	210	1 day	* 3 hours	* 13 =	39
Mon.	19:00 – 22:00	16	210	1 days	* 3 hours	* 16 =	48

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                                                       ----
                                               TOTAL    666
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The last two classes in the sample data start after 17:00 which is considered nighttime, so 87 hours would be used for the nighttime calculation. The remaining 579 would be used for the daytime calculation. 666 would be used for the calculation of all hours.

$$\frac{\text{Daytime Student Hours in Class Laboratories}}{\text{Total Student Stations in Class Laboratories}} = \frac{579}{2457} = .2356$$

$$\frac{\text{Nighttime Student Hours in Class Laboratories}}{\text{Total Student Stations in Class Laboratories}} = \frac{87}{2457} = .0354$$

$$\frac{\text{Total Student Hours in Class Laboratories}}{\text{Total Student Stations in Class Laboratories}} = \frac{666}{2457} = .2710$$

The report for one institution would look like this:

	FTE	No. of Stations	Daytime	Nighttime	All Hours
Institution	5,411	2,457	.2356	.0354	.2710

TABLE 6
AVERAGE WEEKLY USE OF STUDENT STATIONS
IN CLASS LABORATORIES

INSTITUTION	NUMBER OF STATIONS	DAYTIME	NIGHTTIME	ALL HOURS				
				2001	2000	1999	1998	1997
PUBLIC FOUR YEAR INSTITUTIONS	FTE							
LSU-A&M (Including Ag. & Law)	29,277	4,698	10.3	1.1	11.4	11.0	12.7	11.3	11.2
University of Louisiana in Lafayette	13,281	2,418	7.5	0.8	8.4	8.5	8.6	9.2	9.6
University of New Orleans	12,515	1,565	6.5	0.9	7.4	7.4	8.2	7.3	7.7
Southeastern Louisiana University	12,365	1,451	12.0	0.9	12.9	9.9	15.2	16.4	15.0
Louisiana Tech University	9,541	3,015	4.3	0.2	4.6	4.1	7.9	9.0	8.9
Southern University A&M	8,442	2,752	6.8	0.6	7.4	9.6	**	9.4	9.6
Northwestern State University	7,943	3	5.8	1.4	7.2	8.3	8.9	7.3	6.5
University of Louisiana in Monroe	7,618	2,437				7.8	10.0	15.1	15.2
McNeese State University	6,791	2,169	5.1	0.7	5.9	6.0	6.8	4.7	4.8
Nicholls State University	6,038	2,245	5.4	0.3	5.8	5.1	5.9	6.0	6.1
Grambling State University	4,169	1,475	4.3	0.2	4.6	4.4	7.9	6.0	4.9
Southern University at New Orleans	3,064	1,107	7.8	3.5	11.3	14.0	13.0	8.1	6.1
LSU in Shreveport	2,863	459	4.4	0.9	5.3	5.0	**	4.9	4.3
PUBLIC TWO YEAR INSTITUTIONS								
Delgado Community College	8,535	2,465			**	9.1	9.8	11.0	12.6
Baton Rouge Community College	2,127	354	1.5	0.4	2.0	8.4	12.2		
LSU at Eunice	1,963	459	5.3	0.4	5.7	6.8	9.2	7.4	7.9
LSU at Alexandria	1,716	544	5.4	0.8	6.2	7.8	6.1	5.4	4.9
Elaine P. Nunez Community College	1,322	503	6.8	5.3	12.2	10.2	**	**	**
Southern University at Shreveport	1,134	536	3.9	0.8	4.7	4.2	3.7	3.4	4.8
River Parishes Community College	258	32	4.8	0.0	4.8	0.9			

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES (TABLE 6) 2001

NUMBER OF HOURS (y-axis: 0, 5, 10, 15, 20)

Categories (x-axis): LSU A&M, ULL, UNO, Southeastern, La Tech, Southern A&M, Northwestern, ULM, McNeese, Nicholls, Grambling, Southern-NO, LSU-S, Delgado, BRCC, LSU-E, LSU-A, E. P. Nunez, Southern-S, River Parishes